Prerequisites

This document describes the prerequisites that apply when you install a Natural Development Server (Product Code: NDV) on a mainframe computer.

The following topics are covered:

- General Prerequisites for NDV Installation
- Prerequisites for NDV for OS/390
- Prerequisites/Restrictions for NDV CICS Adapter

General Prerequisites for NDV Installation

- The current Natural Version for Mainframes must be installed.
- If Natural Version 3.1.6 is installed, Natural Version 3.1.6. Service Pack 8 and Zap NA46118 are required.
- If Natural Security Version 3.1.6 is installed, Natural Security Version 3.1.6 Service Pack 8 is required.
- If you are using Predict and you have to migrate to a Predict version specified under Natural and Other Software AG Products in the current Natural Release Notes, you are strongly recommended to migrate to the newer Predict version **before** you install the Natural Development Server.
  The minimum version of Predict needed for the Natural Development Server Version 2.1 is Predict Version 4.3.1.
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> ⚠ If you do not migrate to a Predict version specified under Natural and Other Software AG Products in the current Natural Release Notes **before** starting the Natural Development Server installation, you will have to define a new Natural system file (FNAT) and a new Development Server File (FDIC). The current Natural version for Mainframes and the desired additional products must have been loaded on the Natural system file FNAT before you start the installation of the Natural Development Server.

- The Software AG Editor must be installed. You are recommended to set the size of the editor buffer pool to 1024 KB.
  If you are using SMA, the necessary modules are linked when the SMA parameter SAG-EDITOR is set.
  If you are installing without SMA, see the Natural Installation Guide for Mainframes, Installing the Software AG Editor.
- The prerequisites required for the operation of a remote development client must be fulfilled in addition.
  Natural Version 5 (restricted functionality) or Version 6 for Windows is required.
- Optionally:
  - Natural Construct Version 4.5.1 or higher.
    If you have Natural Construct Version 4.5.1 installed, apply the latest Natural Construct Version 4.5.1 Service Pack to your Natural system file (FNAT).
  - Natural Engineer 4.4.1 or higher.

Prerequisites for NDV for OS/390

In addition to the general prerequisites described above, the following operating-system-specific prerequisites apply:

- OS/390 or z/OS must be installed.
  Version as specified under Operating/Teleprocessing Systems Required in the current Natural Release Notes.

Prerequisites/Restrictions for NDV CICS Adapter

The Natural Development Server must have been installed on OS/390 or under SMARTS on VSE/ESA.

In addition, the following prerequisites and restrictions apply to the Natural Development Server CICS Adapter:

- CICS TS 1.3 or above.
- CICS TCP/IP and the CICS listener must be enabled. Refer to *CICS TCP/IP Socket Interface Guide*.
- Natural Version 4.1.2 and Natural CICS Interface Version 4.1.2 for Mainframes must be installed.
- Natural Development Server Version 2.1 must be installed on OS/390 in batch mode or under SMARTS on VSE/ESA.
- Natural must not be used with the Natural profile parameter ADAMODE set to 0, because this would cause an excessive number of Adabas user queue elements (UQE) per Natural session.